Recombinant Human JPH2 Protein, MYC/DDK-tagged

Cat. No. JPH2-786H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant human JPH2 protein, fused to MYC/DDK tag at C-terminus, was expressed in HEK293.
Species	Human
Source	HEK293
Description	Junctional complexes between the plasma membrane and endoplasmic/sarcoplasmic reticulum are a common feature of all excitable cell types and mediate cross talk between cell surface and intracellular ion channels. The protein encoded by this gene is a component of junctional complexes and is composed of a C-terminal hydrophobic segment spanning the endoplasmic/sarcoplasmic reticulum membrane and a remaining cytoplasmic domain that shows specific affinity for the plasma membrane. This gene is a member of the junctophilin gene family. Alternative splicing has been observed at this locus and two variants encoding distinct isoforms are described. [provided by RefSeq, Jul 2008].
Form	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10 % glycerol.
Molecular Mass	74 kDa
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration	>50 ug/mL as determined by microplate BCA method

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GENE INFORMATION

Gene Name	junctophilin 2[Homo sapiens]
Official Symbol	JPH2
Synonyms	CMH17; JP-2; JP2
Gene ID	57158
mRNA Refseq	NM_020433.4
Protein Refseq	NP_065166
MIM	605267
UniProt ID	Q86VZ3

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